

I claim:

1.

A system for coating particulate with at least one fluid, comprising:

at least one container adapted to hold the at least one fluid;

a blender having an inner chamber adapted to selectively receive the particulate and the at least one fluid;

a supply line, adapted to carry the at least one fluid, having first and second end portions; said first end portion being operatively coupled with said at least one container;

a return line, adapted to carry the at least one fluid, having first and second end portions; said first end portion being operatively coupled with the second end portion of said supply line; said second end portion of said return line being operatively coupled with said at least one container; said supply line and said return line forming a continuous loop for the selective circulation of the fluid away from and back to said at least one container;

a pump for selectively forcing the fluid through said supply and return lines; and

an output nozzle operatively coupled to the second end portion of said supply line and the first end portion of said return line; said output nozzle being positioned adjacent to and in selective fluid communication with said blender.

2.

1 The system of claim 1 further comprising means operatively coupled to said container for heating said container and the fluid within said container to a desired temperature range.

3.

5 The system of claim 2 wherein said supply line is insulated.

4.

The system of claim 3 wherein said return line is insulated.

5.

10 The system of claim 1 further comprising a scale for supporting said container and determining the weight of said container and the fluid within said container.

6.

15 The system of claim 1 comprising a plurality of separate containers, each being adapted to hold the at least one fluid.

7.

The system of claim 6 further comprising a plurality of separate supply lines and a plurality of separate supply lines and a plurality of separate return lines.

8.

20 The system of claim 7 wherein each of said plurality of separate supply lines is operatively coupled with one of said plurality of separate return lines so that a plurality of separate continuous loops are formed.

9.

1 The system of claim 8 further comprising a plurality of pumps; each of said
plurality of pumps being operatively coupled with one of said plurality of separate
continuous loops to circulate the at least one fluid through said plurality of separate
5 continuous loops.

10.

The system of claim 9 wherein each of said plurality of separate continuous
loops is operatively coupled with one of said plurality of separate containers.

11.

10 The system of claim 10 wherein said output nozzle is operatively coupled to each
of said plurality of separate continuous loops.

12.

15 The system of claim 11 further comprising a plurality of valves; each of said
plurality of valves being operatively coupled to said output nozzle and at least one of
said plurality of separate continuous loops so that one or more of said separate
continuous loops can be selectively placed in open fluid communication with said output
nozzle.

13.

20 The system of claim 12 further comprising means for heating said plurality of
separate containers and the fluid within said plurality of separate containers.

14.

1 The system of claim 13 wherein said plurality of separate supply lines are insulated.

15.

5 The system of claim 14 wherein said plurality of separate return lines are insulated.

16.

10 The system of claim 15 further comprising means for supporting said plurality of separate containers and determining the weight of the fluid within said plurality of separate containers.

17.

15 The system of claim 13 wherein one of said plurality of separate containers is filled with a cleaning fluid.